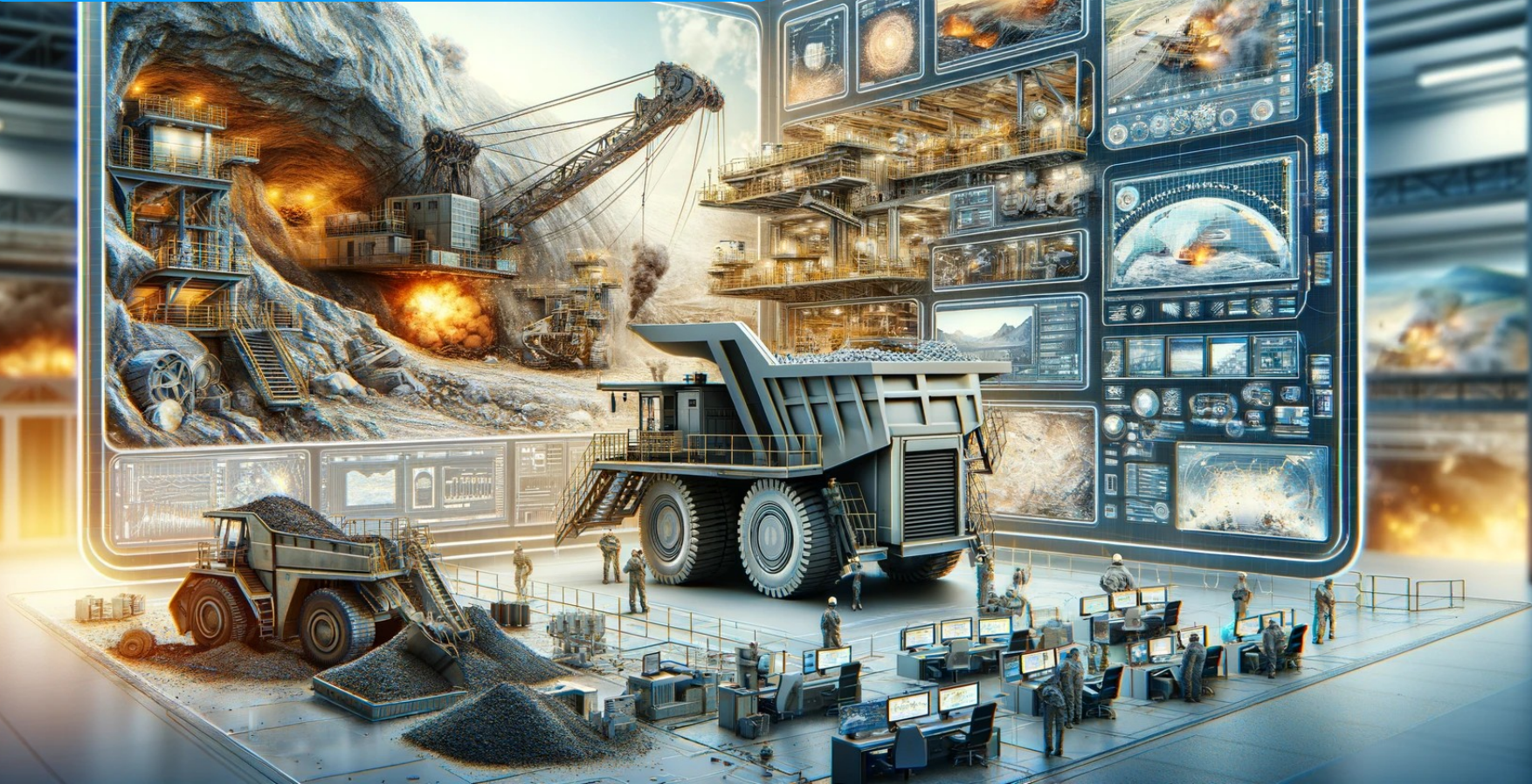


The future of digital fatigue and drowsiness management





BUSINESS CASE



PAN AMERICAN
— SILVER —

PERÚ



Mining



<https://panamericansilver.com/es/>

CLIENT PROFILE

PAN AMERICAN SILVER · VANCOUVER

Pan American Silver Corp. (NYSE/TSX: PAAS) is a precious metals producer headquartered in Vancouver that operates silver and gold mines across the Americas: Peru, Mexico, Argentina, Bolivia, Brazil, Chile, and Canada.

With 12 operating mines and 40.7 Moz of proven silver reserves at Huarón alone, it is one of the world's largest primary silver producers.

22

years in the
market

1000

employees



Logifit

<https://panamericansilver.com/es/>



PAN AMERICAN
— SILVER —

PERÚ

BUSINESS CASE

Client: PAN AMERICAN SILVER
IDENTIFIED PROBLEM

Fatigue in mining: A SILENT ENEMY PRESENT IN OPERATIONS

Huarón is a high-altitude polymetallic underground mine in Pasco, Peru, operated at 4,534 m.a.s.l. under extreme physical conditions that significantly increase fatigue risk.

Prior to the Logifit deployment, 72% of the 73 DCR Minería operators exhibited measurable fatigue-related risk — a critical rate in an underground environment subject to DS 024-2016-EM and SUNAFIL oversight.



Logifit



72
Workers with
Fatigue-Related
Risk

BUSINESS CASE

Client: PAN AMERICAN SILVER
STRATEGY, ACTION PATHS,
RESULTS

TECHNOLOGY WITH MINING EXPERTISE SUPPORTING HEALTH AND SAFETY

Logifit was deployed across all 73 DCR Minería operators at Huarón, integrating biometric monitoring with Pan American Silver's safety protocols and contractor management system.

Through continuous-monitoring smartbands and PVT cognitive tests, Logifit enabled real-time detection, shift-based triage, and a continuous improvement cycle — reducing at-risk operators from 72% to 6%.

73
operators

Logifit



A PREVENTIVE SAFETY VISION

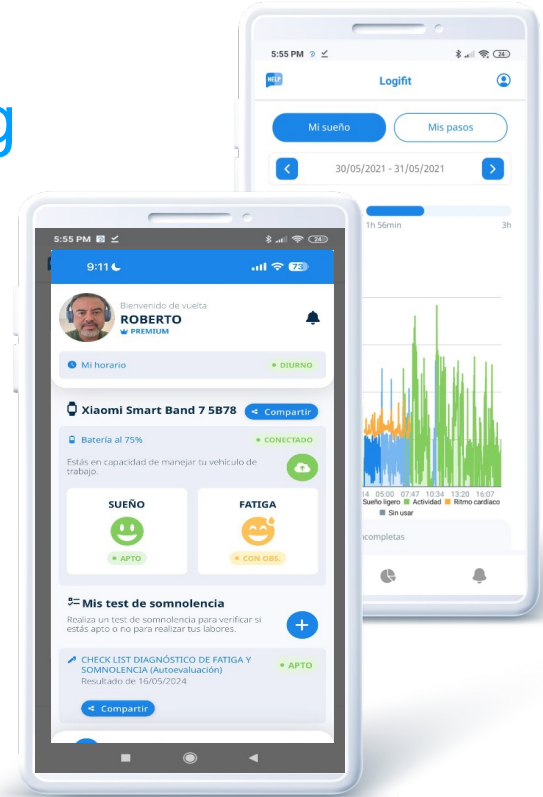
changing the paradigm and innovating

PAN AMERICAN SILVER's commitment to operational safety delivered measurable results throughout the deployment at Huarón - DCR Minería, reinforcing a culture of prevention and well-being for all personnel.

The Logifit model integrates technology + ongoing support services, and has positively influenced a more robust safety culture and a user-friendly control framework that directly impacts the health and well-being of on-site personnel.

“DCR has over 40 years of experience in transportation, always linked to the mining sector; our philosophy is built on commitment, efficiency, and the quality of our human team.”

HSE Manager - Panamerican Silver





PAN AMERICAN
— SILVER —

PERÚ



TRANSFORMING BENEFITS INTO WELL-BEING RESULTS



BEFORE

72

Workers with
Fatigue-Related
Risk

BENEFIT

+92



NOW

6%

Workers with
Fatigue-Related
Risk

“At Pan American Silver, safety is our top priority across all operations.”

HSE Manager - Panamerican Silver



The future of digital fatigue and drowsiness management

